



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: mohammad

Run Number: LB121211

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP98084
5N sulfuric acid	WP96514
HNO3 Hex-Chrome, 5M	WP96513
Hexchrome Cleaning Solution	WP95568

Intercept: 0.0017

Slope: 0.7633

Regression: 0.999994

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HNO3	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100	7.35	2.05	0.000	0.001	0.001	-0.00		07/25/2022	15:45
2	CAL2	0.01	1	100	100	7.46	2.18	0.000	0.008	0.008	0.008	20	07/25/2022	15:46
3	CAL3	0.025	1	100	100	7.62	2.30	0.000	0.021	0.021	0.025	0	07/25/2022	15:47
4	CAL4	0.05	1	100	100	7.52	1.88	0.000	0.040	0.040	0.050	0	07/25/2022	15:48
5	CAL5	0.1	1	100	100	7.18	1.79	0.000	0.080	0.080	0.102	-2	07/25/2022	15:49
6	CAL6	0.5	1	100	100	7.20	1.95	0.000	0.383	0.383	0.499	0.2	07/25/2022	15:50
7	CAL7	1	1	100	100	7.62	2.40	0.000	0.765	0.765	1	0	07/25/2022	15:51

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pH Meter ID: WC pH Meter-1

Seq	Lab ID	True Value	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100	7.43	2.15	0.000	0.387	0.387	0.505	07/25/2022	15:55
2	ICB		1	100	100	7.28	2.30	0.000	0.002	0.002	0.000	07/25/2022	15:56
3	CCV1	0.5	1	100	100	7.74	2.25	0.000	0.377	0.377	0.492	07/25/2022	15:57
4	CCB1		1	100	100	7.09	2.42	0.000	0.002	0.002	0.000	07/25/2022	15:58
5	RL Check	0.01	1	100	100	7.15	1.88	0.000	0.008	0.008	0.008	07/25/2022	16:00
6	PB146399BL		1	2.50	100	7.63	1.92	0.000	0.002	0.002	0.000	07/25/2022	16:01
7	PB146399BS	20	1	2.50	100	7.58	1.82	0.000	0.355	0.355	0.463	07/25/2022	16:02
8	N3830-03		1	2.53	100	7.82	2.08	0.028	0.029	0.001	-0.001	07/25/2022	16:03
9	N3830-03DU		1	2.52	100	7.50	2.16	0.027	0.029	0.002	0.000	07/25/2022	16:04
10	N3830-03MS	40	2	2.51	100	7.34	2.31	0.024	0.130	0.106	0.137	07/25/2022	16:05
11	N3830-03MS	1284	40	2.53	100	7.19	2.25	0.020	0.618	0.598	0.781	07/25/2022	16:06
12	N3830-03MS	40	2	2.55	100	7.28	1.79	0.023	0.181	0.158	0.205	07/25/2022	16:07
13	N3834-01		1	2.57	100	7.31	1.95	0.041	0.043	0.002	0.000	07/25/2022	16:08
14	N3855-01		1	2.59	100	7.15	1.82	0.017	0.018	0.001	-0.001	07/25/2022	16:09
15	N3855-03		1	2.55	100	7.28	2.08	0.050	0.052	0.002	0.000	07/25/2022	16:10
16	CCV2	0.5	1	100	100	7.62	1.75	0.000	0.379	0.379	0.494	07/25/2022	16:11
17	CCB2		1	100	100	7.46	1.93	0.000	0.001	0.001	-0.001	07/25/2022	16:12
18	N3858-01		1	2.57	100	7.25	2.06	0.066	0.068	0.002	0.000	07/25/2022	16:13
19	N3858-03		1	2.56	100	7.18	1.74	0.025	0.026	0.001	-0.001	07/25/2022	16:15
20	N3878-01		1	2.57	100	7.58	1.92	0.037	0.038	0.001	-0.001	07/25/2022	16:16
21	CCV3	0.5	1	100	100	7.46	1.80	0.000	0.380	0.380	0.496	07/25/2022	16:17
22	CCB3		1	100	100	7.35	2.05	0.000	0.001	0.001	-0.001	07/25/2022	16:18